

UPDATED EAST SEARCH HISTORY

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 240 | 516/78.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:54 |
| L2 | 15116 | ((zirconium or Zr) near4 (salt or chloride)) or ((zirconyl adj chloride) or ZrOCl2 or "ZrOCl.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:55 |
| L3 | 52405 | ((titanium or ti) near4 (salt or chloride or tetrachloride)) or ((titanium adj (chloride or tetrachloride)) or TiCl4 or "TiCl.sub.4") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:55 |
| L4 | 2962 | (zirconium adj titanate) or ZrTiO4 or "ZrTiO.sub.4" or TiZrO4 or "TiZrO.sub.4" or ZrO2\$1TiO2 or "ZrO.sub.2\$1TiO.sub.2" or "(Zr, Ti)O4" or "(Ti,Zr)O4" or "(Zr,Ti)O.sub.4" or "(Ti,Zr)O.sub.4" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:55 |
| L5 | 364628 | precipitate or coprecipitate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:55 |
| L6 | 22 | L2 and L3 and L4 and L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:55 |
| L7 | 20 | L6 and (@pd<"20020718" or @ad<"20030718") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:57 |
| L8 | 1212065 | alcohol or (organic adj solvent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:57 |
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|----|-----|---|---|----|----|------------------|
| L9 | 7 | L7 and L8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 14:57 |
| S1 | 1 | "20050014850".pn. | US-PGPUB | OR | ON | 2005/08/23 15:24 |
| S2 | 2 | "6806295".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:38 |
| S3 | 3 | ("3330697" "6506320" "6602607"). PN. | USPAT | OR | ON | 2005/08/24 07:52 |
| S5 | 1 | "6264912".pn. | USPAT | OR | ON | 2005/08/24 08:48 |
| S6 | 233 | 516/78.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 09:09 |
| S7 | 4 | ("5030608" "5037579" "5846511" "6264912").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/24 09:17 |
| S8 | 12 | ("3725539" "4293534" "4487755" "4534956" "4755373" "4829033" "4832939" "4898843" "4946810" "5082812" "5338353" "5520900").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/24 09:20 |
| S9 | 50 | ("6287743" "6254964" "6291052" "6342493" "6258494" "6322770" "6309758" "6395403" "6429337" "6399557" "6440340" "6391532" "6475713" "6306492" "6455024" "6342343" "6337032" "6342210" "5002909" "6254845" "6310118" "4954462" "5185299" "6462136" "5877027" "6303280" "6468688" "6261989" "6045771" "6395250" "6255515" "6461988" "6440548" "6355635" "6291125" "6261697" "6270950" "6340664" "6395149" "6251820" "6299778" "6319587" "6340379" "6346741" "6458883" "4359406" "4454246" "6475507" "6432627" "6716408").pn. | USPAT | OR | ON | 2005/08/24 09:20 |

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|-----|---------|--|---|----|----|------------------|
| S10 | 14757 | ((zirconium or Zr) near4 (salt or chloride)) or ((zirconyl adj chloride) or ZrOCl ₂ or "ZrOCl.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:03 |
| S11 | 51302 | ((titanium or ti) near4 (salt or chloride or tetrachloride)) or ((titanium adj (chloride or tetrachloride)) or TiCl ₄ or "TiCl.sub.4") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:05 |
| S12 | 2805 | (zirconium adj titanate) or ZrTiO ₄ or "ZrTiO.sub.4" or TiZrO ₄ or "TiZrO.sub.4" or ZrO ₂ \$1TiO ₂ or "ZrO.sub.2\$1TiO.sub.2" or "(Zr, Ti)O ₄ " or "(Ti,Zr)O ₄ " or "(Zr,Ti)O.sub.4" or "(Ti,Zr)O.sub.4" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:09 |
| S13 | 357291 | precipitate or coprecipitate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:21 |
| S14 | 22 | S10 and S11 and S12 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:21 |
| S15 | 20 | S14 and (@pd<"20020718" or @ad<"20030718") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:23 |
| S16 | 1186544 | alcohol or (organic adj solvent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:24 |
| S17 | 7 | S15 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 10:24 |

INTERFERENCE SEARCH HISTORY

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L9 | 1 | (amorphous spher\$5 partic\$6 aqueous ((zirconium or Zr) adj salt) ((titanium or Ti) adj salt) solution (precipitat\$4 or coprecipitat\$4)). clm. | US-PGPUB | WITH | ON | 2006/01/10 15:03 |
| L10 | 1 | (amorphous spher\$5 partic\$6 aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt) solution (precipitat\$4 or coprecipitat\$4)). clm. | US-PGPUB | WITH | ON | 2006/01/10 15:03 |
| L11 | 1 | (amorphous partic\$6 aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt) solution (precipitat\$4 or coprecipitat\$4)).clm. | US-PGPUB | WITH | ON | 2006/01/10 15:03 |
| L12 | 1 | (partic\$6 aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt) solution (precipitat\$4 or coprecipitat\$4)).clm. | US-PGPUB | WITH | ON | 2006/01/10 15:03 |
| L13 | 1 | (aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt) solution (precipitat\$4 or coprecipitat\$4)). clm. | US-PGPUB | WITH | ON | 2006/01/10 15:03 |
| L14 | 3 | (aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt) solution). clm. | US-PGPUB | WITH | ON | 2006/01/10 15:04 |
| L15 | 4 | (aqueous ((zircon\$4 or Zr) adj salt) ((titan\$4 or Ti) adj salt)).clm. | US-PGPUB | WITH | ON | 2006/01/10 15:05 |